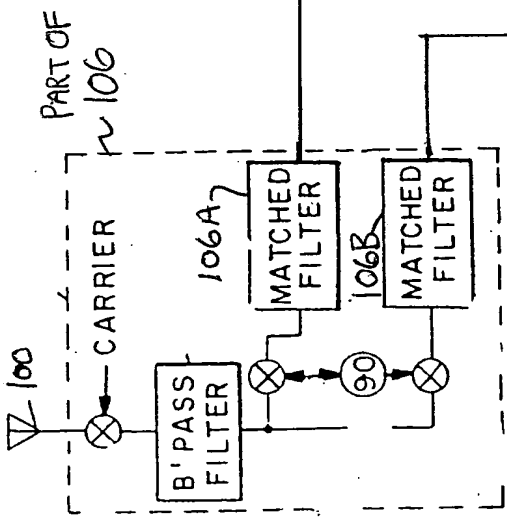


FIG. 2  
(PRIOR ART)

CDMA SIGNAL  
RADIO CHANNEL



Q CHANNEL

I CHANNEL

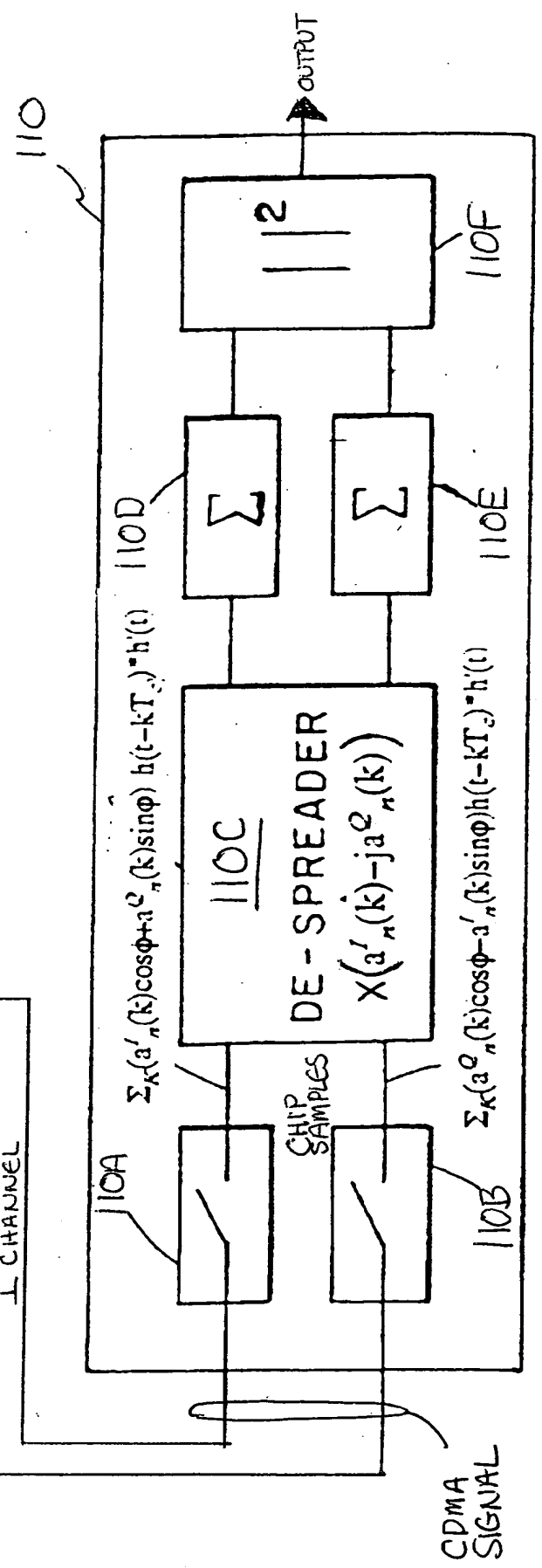


FIG. 3A

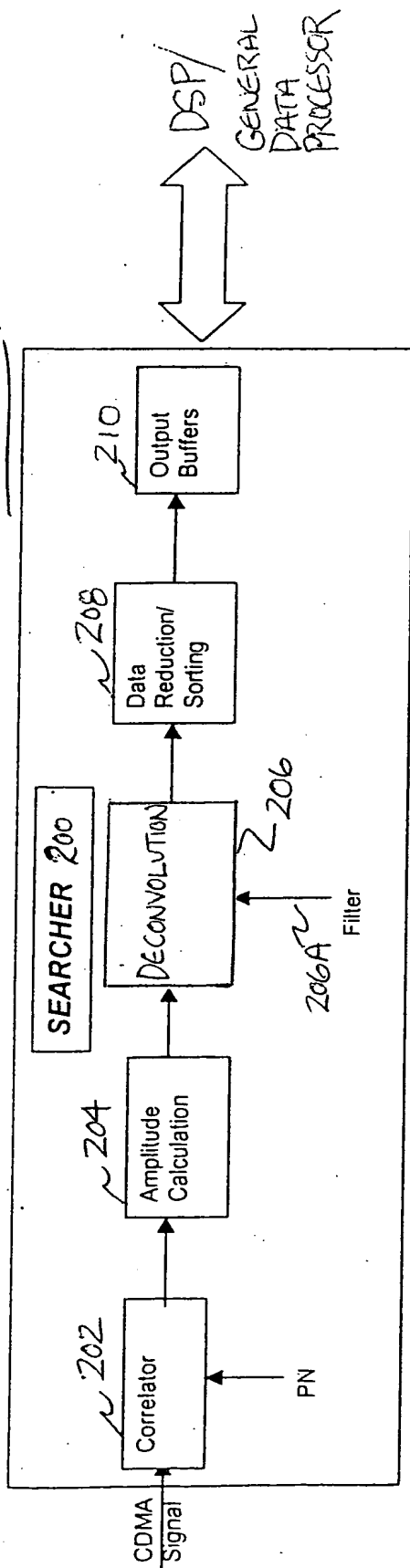


FIG. 3B

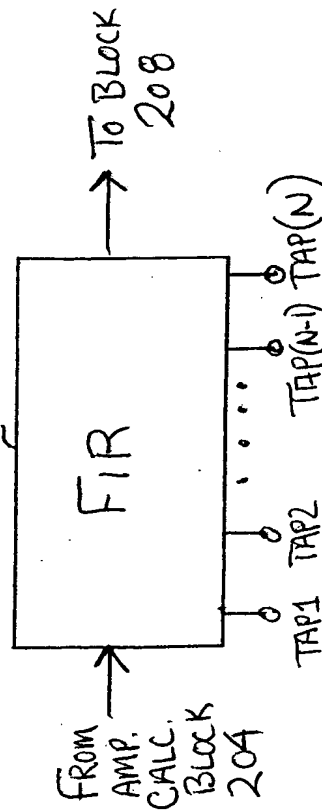


FIG. 3C

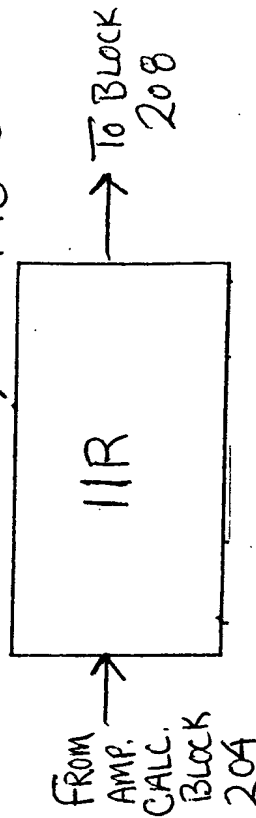


FIG. 3D

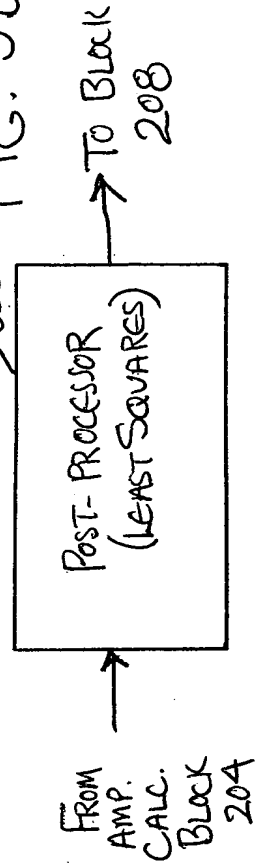


FIG. 5

$$F = \begin{bmatrix} fk & \dots & f2k+1 & 0 & 0 & 0 & \dots & 0 & 0 & 0 \\ fk-1 & \dots & f2k & f2k+1 & 0 & 0 & \dots & 0 & 0 & 0 \\ fk-2 & \dots & f2k-1 & f2k & f2k+1 & 0 & \dots & 0 & 0 & 0 \\ \dots & \dots & \dots & \dots & \dots & \dots & \dots & \dots & \dots & \dots \\ 0 & \dots & 0 & 0 & 0 & \dots & f0 & \dots & fk-1 & fk \end{bmatrix}$$